March 22, 1963

JIM

COR-2106
COPY 1 OF 2

25X1A

[redacted]

Gentlemen:

As a result ofthe request to withdraw our previous Strip Camera Proposal, Itek is pleased to resubmit its technical proposal and preliminary layouts for the development and production of four (4) High Acuity Spotting Cameras fourteen months fter go-ahead with system qualification and flight in an additional four (4 months. At this time, we are in the process of preparing a detailed Design Control Specification, Work Statement, and Cost Proposal which are scheduled to be available for your review in approximately two (2) weeks.

Since the submission of the previous proposal, we have had time to further analyze the configuration and performance requirements of the spotting mission as well as to provide an earlier incorporation of stereo. We have also been exchanging data concerning integration of the Stereo Strip Camera into the Lockheed space structure and other mutual interfaces.

We believe that development of a 150" f/5 camera should include stereo, and the proposed program incorporates provision for stereo from the inception. A logical development program would consist of an initial quantity of three (3) units to be delivered having Mono-capability only, and the fourth (4th) unit to be delivered having stereo capability.

BT-1493
Proposal

The Technical Proposal contains information that has been furnished to us by LMSC concerning pointing accuracy, vehicle stability, available weight and power, etc. These data have been incorporated in our analyses. Since the time of our original submission, we have also been able to determine that 12-inch film is the optimum for minimum weight, since the vehicle pointing

25X1A accuracy allows a high probability of target coverage. In addition, the 12-inch film can be handled by existing processing equipment at [redacted]

We have attempted to accomplish complete interchangeability with the existing electrical interface of the Lanyard Program. An obvious benefit of this interchangeability is that electrical testing can be accomplished with the existing Checkout Console design.

In analyzing the photo testing requirements, a Strip Dynamic Resolution Tester will be required to accomplish the proposed program. We now understand that LMSC will include in their proposal a requirement for a Strip Dynamic Resolution Tester to be installed on the west coast. Provision for our portion of that effort, if approved, will be included in our cost proposal.

Realizing that the above technical changes will require additional time for review and analysis, we have chosen to submit this portion of the

25X1A proposal in advance of the balance of the formal proposal. Our technical

25X1A personnel are available for any discussions you may want to have. [redacted] should be contacted for that purpose.

Very truly yours,
ITEK CORPORATION

25X1A

[redacted]

Enclosures: 6

1 cc each of the following:
Strip Technical Proposal
Dwg. No. 55053
Dwg. No. 55053A
Dwg. No. 55100
Dwg. No. 55106
Dwg. No. 55107